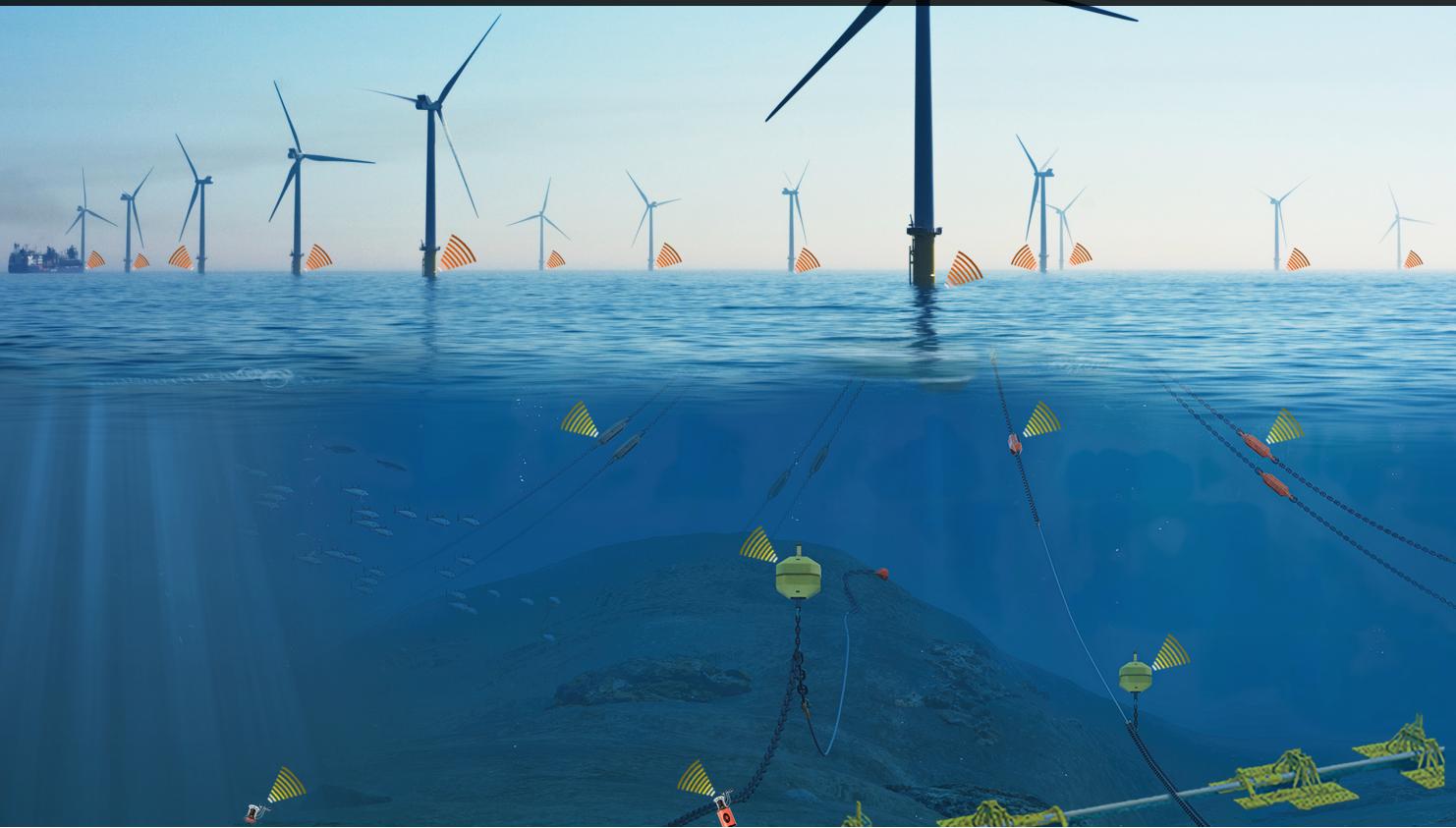


Underwater Monitoring Network

Long term wireless monitoring solution for offshore wind farms



Built around the versatile Subnero underwater acoustic modems, the **Underwater Monitoring Network** provides a low-cost, long-term wireless solution to monitor the status of large offshore wind farms.

Supporting a variety of sensors such as load cells, accelerometers, ADCPs, water quality sensors, etc., the Underwater Monitoring Network complements periodic inspections using underwater vehicles to provide the status of structures such as anchors, mooring lines, piles, jackets, etc., in near-realtime, to the user.



Smart Networks

Networked, edge computing capability and content-aware encoders for optimum utilization of bandwidth and power over networks.



Long-term deployments

Using techniques such as smart schedulers and intelligent power management to provide long endurance deployments.



Overall Cost Reduction

Built-in large capacity storage, data logging capabilities and hardware interfaces, providing overall lower cost to the user.



Subnero's WNC series of wireless networked communication modems provide class-leading performance at every frequency band and are designed with software-defined open architecture methodology (SDOAM) from the ground up to make them the perfect candidates for deploying smart underwater wireless networks for long term monitoring of offshore wind farms.